



REPLACEMENT SHEET

Sheet 1 of 4

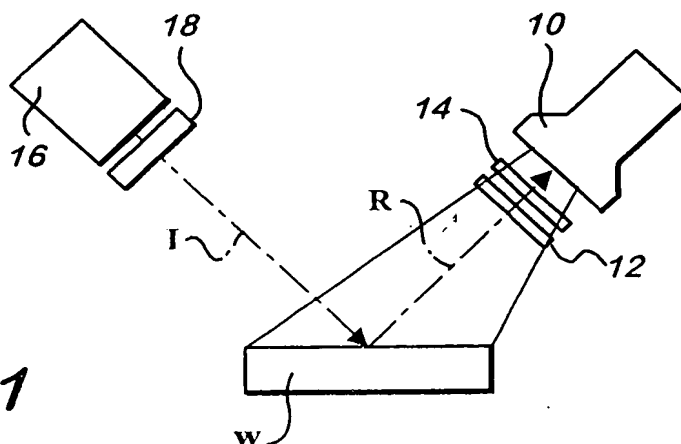


FIG. 1

**1. MEASURE**  
 RADIANCE AT P&S  
 POLARIZATIONS  
 $R_p$  AND  $R_s$  AT EACH  
 PIXEL

**2. SIGNAL  
 PROCESS**  
 COMPUTE  
 $PER = R_p / R_s$   
 AT EACH PIXEL

**3. MODEL**  
 COMPUTE  
 EMISSIVITY  
 FROM PER

**4. CALCULATE  
 TEMPERATURE**  
 AT EACH PIXEL FROM  
 RADIANCE AND  
 CALCULATED  
 EMISSIVITY

FIG. 2

**5. CONSTRUCT MAP**  
 DISPLAY AND EXPORT

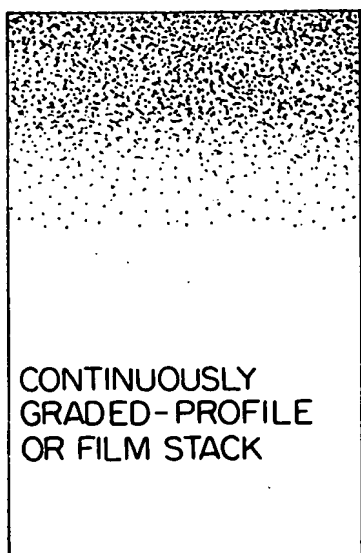


FIG. 3A

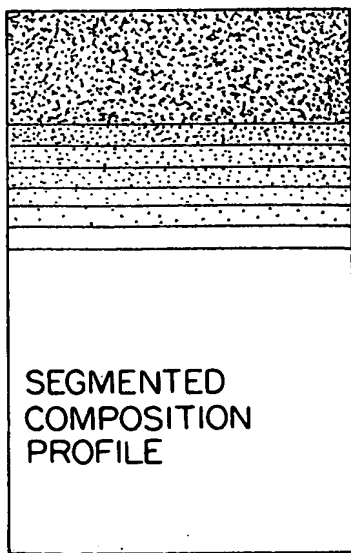


FIG. 3B

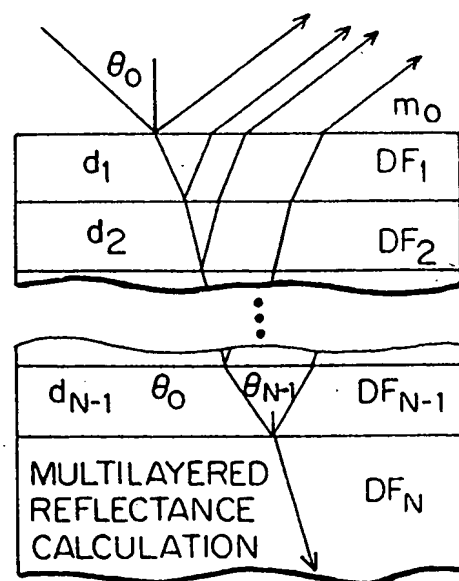
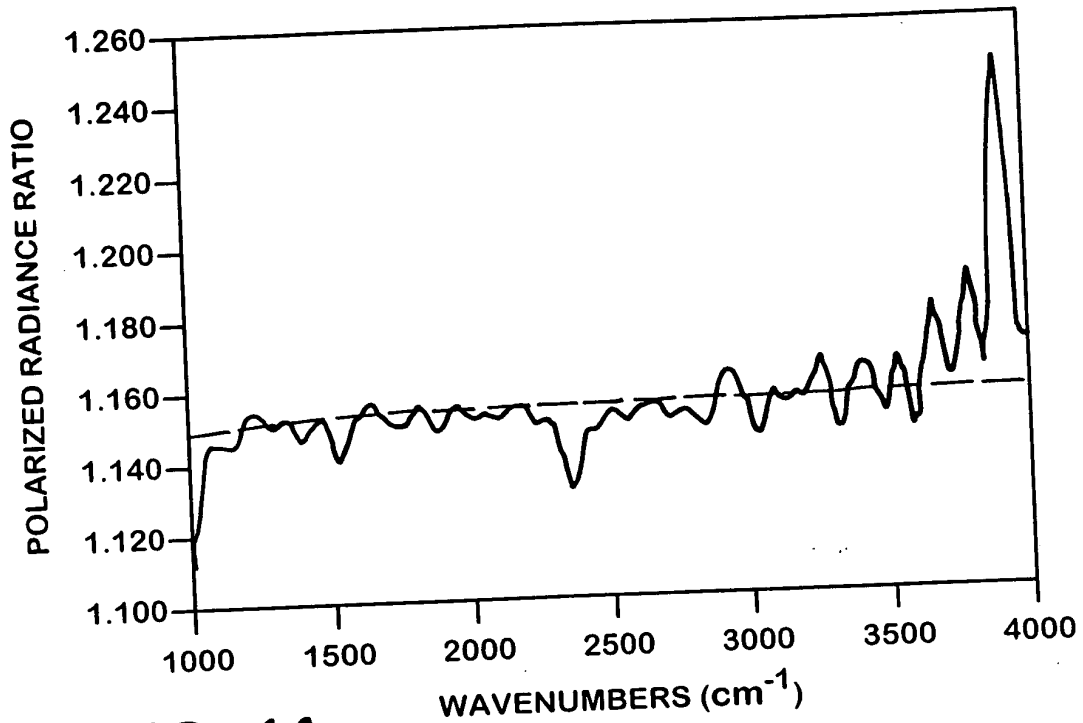
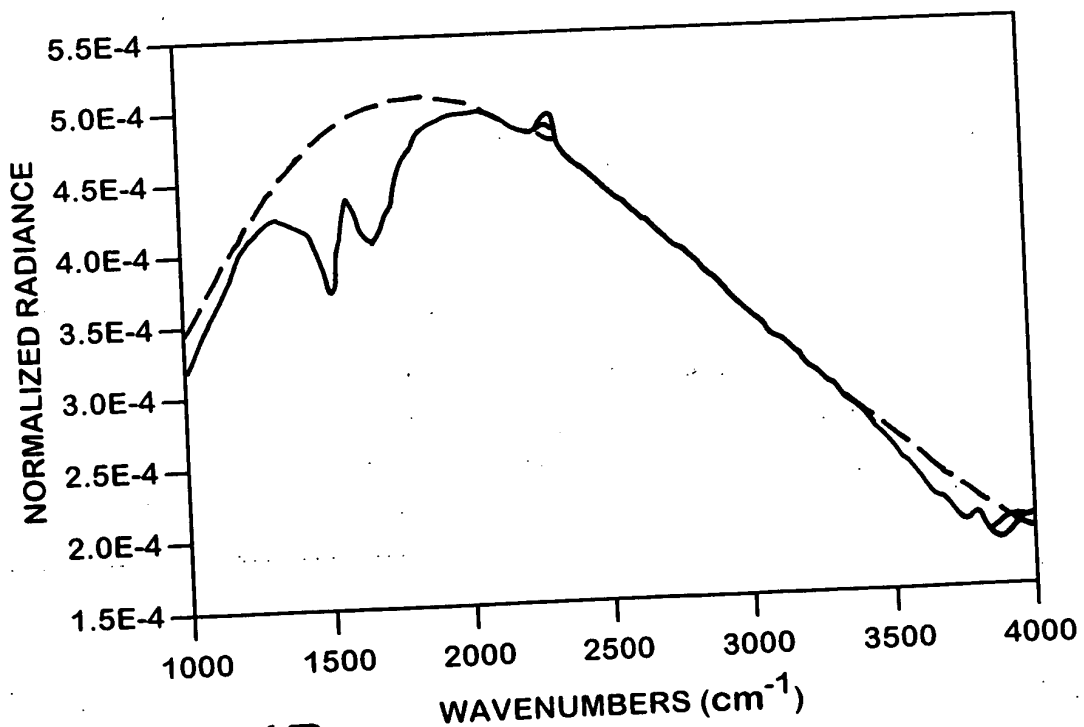


FIG. 3C

REPLACEMENT SHEET  
Sheet 2 of 4

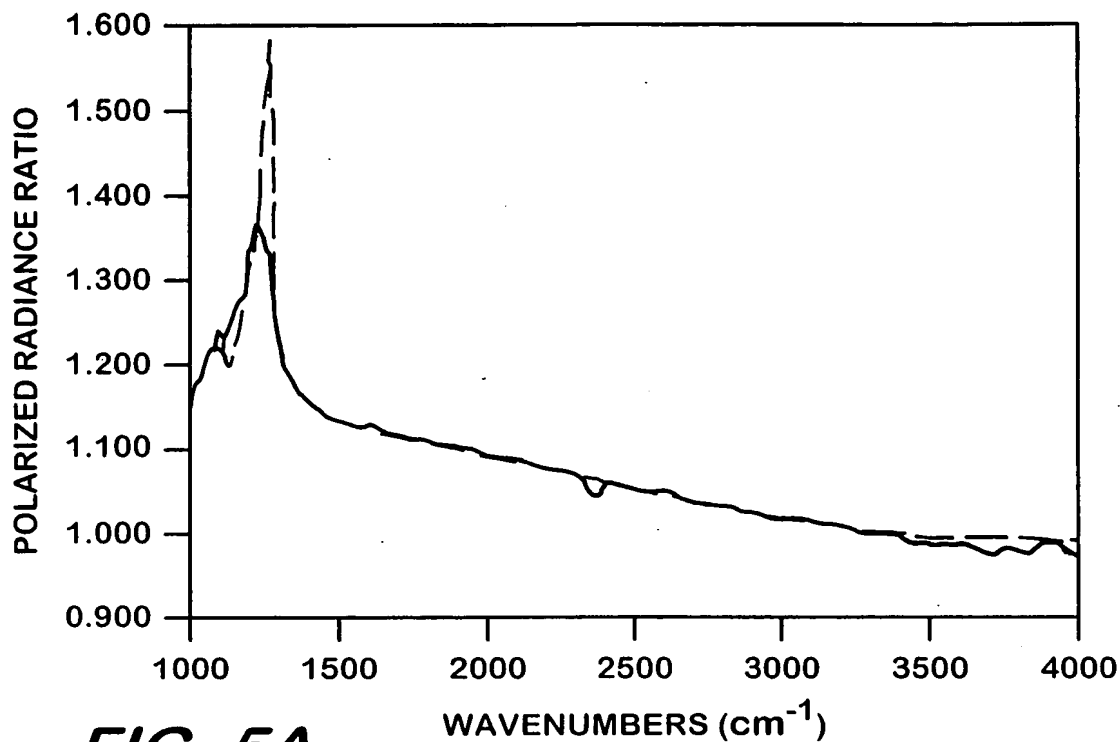


**FIG. 4A**

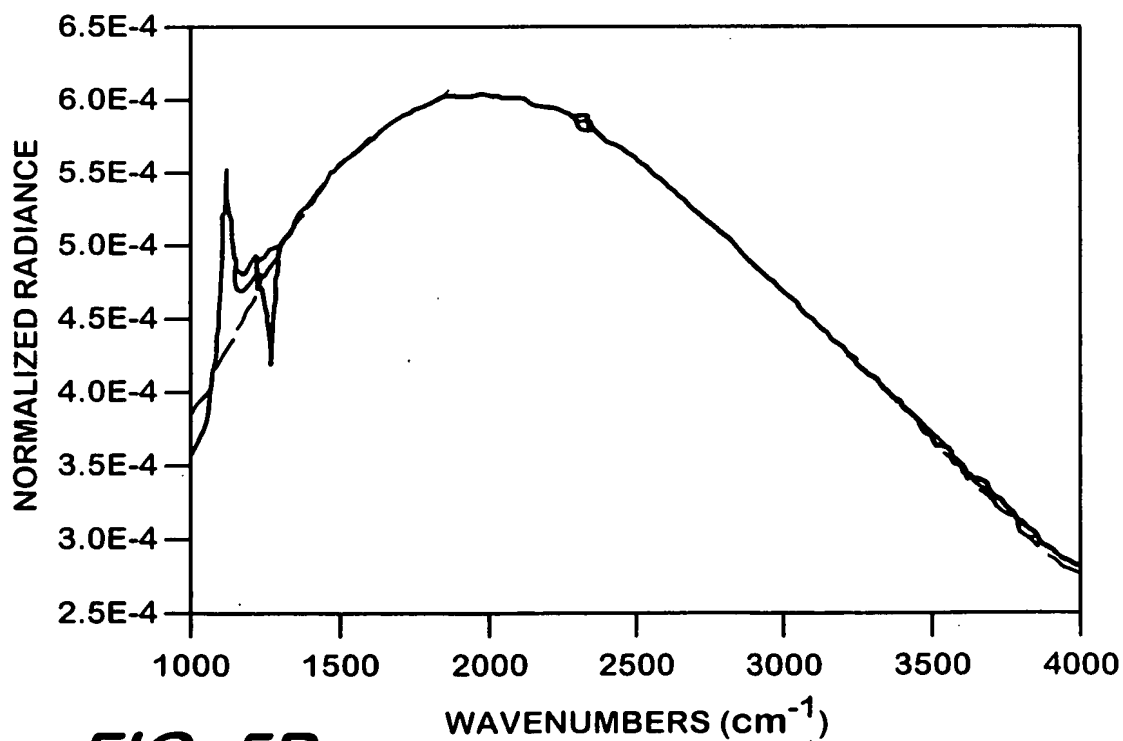


**FIG. 4B**

REPLACEMENT SHEET  
Sheet 3 of 4

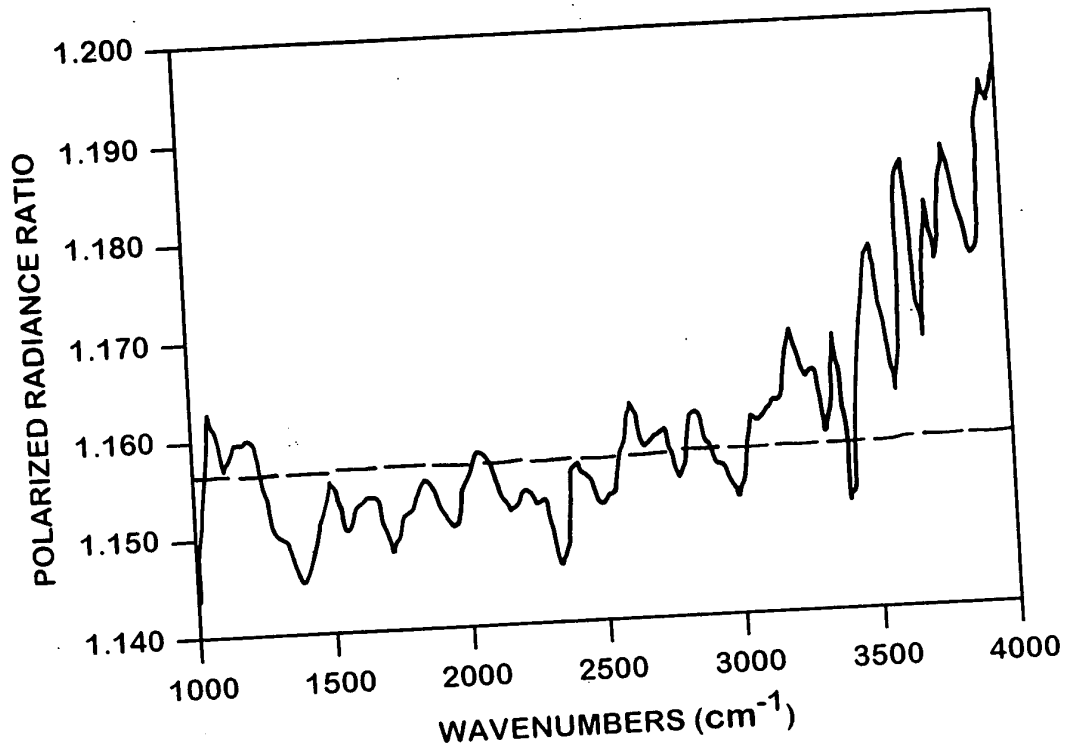


**FIG. 5A**

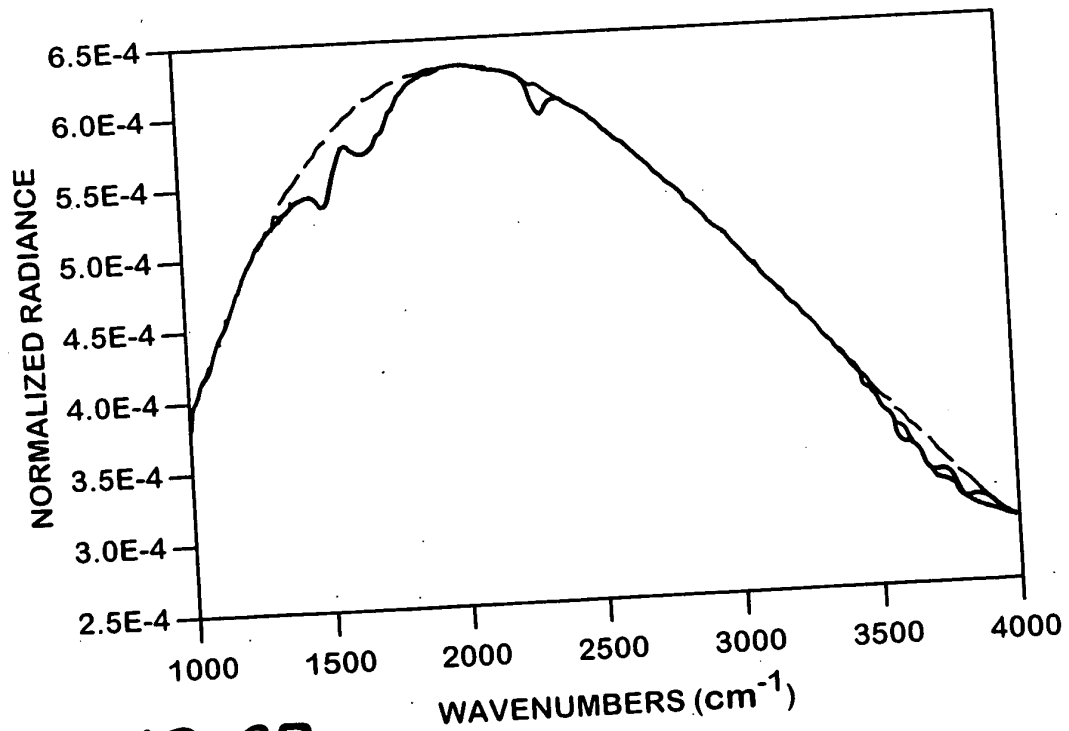


**FIG. 5B**

REPLACEMENT SHEET  
Sheet 4 of 4



**FIG. 6A**



**FIG. 6B**